



ZEP Manufacturing Company  
Acuity Specialty Products Group, Inc.  
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1-877-I-BUY-ZEP (428-9937)  
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# Material Safety Data Sheet

## and Safe Handling and Disposal Information

### Section 1. Chemical Product and Company Identification

**Product name** ZEP BLAST AWAY  
**Product Use** Liquid Steam Cleaner & Heavy Duty Detergent  
**Product Code** 0379  
**Date of issue** 12/13/04 **Supersedes** 07/25/01

**Emergency Telephone Numbers** For MSDS Information:  
Acuity Specialty Products Group, Inc.  
Compliance Services 1-877-I-BUY-ZEP

For Medical Emergency:  
INFOTRAC  
(877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:  
CHEMTREC  
(800) 424-9300 - All Calls Recorded  
In the District of Columbia (202) 483-7616

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**Prepared by** Compliance Services Group  
Acuity Specialty Products Group  
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Atlanta, GA 30318

### Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
TETRASODIUM ETHYLENEDIAMINE TETRAACETATE; ethylenediamine tetraacetic acid; tetrasodium salt	64-02-8	1 - 10	Not established
SODIUM METASILICATE; silicic acid (H <sub>2</sub> -Si-O <sub>3</sub> ) disodium salt; water glass	6834-92-0	1 - 5	Supplier Suggested (United States). CEIL: 2 mg/m <sup>3</sup>

### Section 3. Hazards Identification

#### Acute Effects

**Routes of Entry** Not applicable

HMIS	
Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	B

**Skin** Hazardous in case of skin contact (irritant). Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

**Eyes** Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

**Inhalation** Avoid breathing vapors or spray mists. Over-exposure by inhalation may cause respiratory irritation.

**Ingestion** No data on acute toxicity of the product when ingested.

**NOTE:** MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

**Carcinogenic Effects** Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

**Chronic Effects** Prolonged or repeated contact may dry skin and cause irritation. Over-exposure by inhalation may cause respiratory irritation.

See Toxicological Information (section 11)

### Section 4. First Aid Measures

**Eye Contact** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

**Skin Contact** In case of contact, immediately flush skin with plenty of water. Wash clothing before reuse. Get medical attention if irritation develops.

**Inhalation** If inhaled, remove to fresh air. If irritation persists, get medical attention.

**Ingestion** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

**Section 5. Fire Fighting Measures**

Flash Point Not applicable.  
Flammability Not applicable.  
Fire Hazard Not applicable.

Flammable Limits Not applicable.



Fire-Fighting Procedures Not applicable.

**Section 6. Accidental Release Measures**

**Spill Clean up** Put on appropriate personal protective equipment (see Section 8). For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

**Section 7. Handling and Storage**

**Handling** Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Do not ingest. Wash thoroughly after handling. Wash contaminated clothing before reusing.

**Storage** Keep container tightly closed. Keep container in a cool, well-ventilated area. Store between 40°F - 120°F. Keep out of the reach of children.

**Section 8. Exposure Controls, Personal Protection****Personal Protection****Protective Clothing (Pictograms)**

**Eyes** Safety glasses.



**Body** Neoprene gloves. Nitrile gloves. Rubber gloves.

**Respiratory** Use with adequate ventilation.

**Section 9. Physical and Chemical Properties**

**Physical State** Liquid.

**Color** Clear. Red.

**pH** 12.8-13.3

**Odor** Mild. (Slight.)

**Boiling Point** 101.67°C (215°F)

**Vapor Pressure** Not determined.

**Specific Gravity** 1.06 (Water = 1)

**Vapor Density** Not determined.

**Solubility** Easily soluble in cold water, hot water.

**Evaporation Rate** 1 compared to Water

**VOC (Consumer)** 0 (g/l).

**Section 10. Stability and Reactivity**

**Stability and Reactivity** The product is stable.

**Incompatibility** Reactive with oxidizing agents.

**Hazardous Polymerization** Will not occur.

**Hazardous Decomposition Products** carbon oxides (CO, CO<sub>2</sub>) and nitrogen oxides (NO, NO<sub>2</sub>...)

**Section 11. Toxicological Information**

**Toxicity to Animals** Not applicable.

**Section 12. Ecological Information**

**Ecotoxicity** Not available.

**Biodegradable/OECD** Not available.

**Section 13. Disposal Considerations**

**Waste Information** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**Waste Stream** Code: D002

Classification: - (Hazardous waste.)

Origin: - (RCRA waste.)

Consult your local or regional authorities.

**Section 14. Transport Information**

**Proper shipping name** Not applicable.

**DOT Classification** Not a DOT controlled material (United States).

**UN number** Not regulated.

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

**Section 15. Regulatory Information**

**U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting:  
No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA inventory.

**Section 16. Other Information**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.